

WHAT IS CLAIMED IS:

1. A vehicular headlamp for emitting light ahead of an automobile, comprising:

a semiconductor light emitting device;

a reflector, having its optical center on said semiconductor light emitting device, operable to reflect light generated by said semiconductor light emitting device forward; and

a light transmitting member formed from material that transmits said light emitted by said semiconductor light emitting device in such a manner that said light transmitting member covers said semiconductor light emitting device, said light transmitting member deflecting forward a part of said light generated by said semiconductor light emitting device and transmitting another part of said light generated by said semiconductor light emitting device toward said reflector.

2. A vehicular headlamp as claimed in claim 1, wherein said reflector is formed to cover said light transmitting member from a back of said semiconductor light emitting device, and said light transmitting member comprises:

a rear sealing part having a shape like a quarter sphere having its center around said semiconductor light emitting device, said rear sealing part sealing said semiconductor light emitting device from behind; and

a front sealing part having a shape in which a radius of curvature of a surface in a cross section parallel to a direction of light emission by said vehicular headlamp is smaller than a radius of curvature of a surface of said quarter sphere, said front sealing part being formed integrally with said rear sealing

part to seal said semiconductor light emitting device from the front of said semiconductor light emitting device.

3. A vehicular headlamp as claimed in claim 1, further comprising a lens operable to direct said light generated by said semiconductor light emitting device ahead of the automobile, wherein

said reflector makes said reflected light incident on said lens, and

said light transmitting member deflects forward a part of said light generated by said semiconductor light emitting device to make said part of said light incident on said lens.

4. A vehicular headlamp as claimed in claim 3, further comprising a light blocking member, provided between said semiconductor light emitting member and said lens, operable to block a part of said light generated by said semiconductor light emitting device, wherein

said reflector converges said reflected light in the vicinity of an edge of said light blocking member,

said lens forms at least a part of a cut line for defining a boundary between a bright region and a dark region in a light distribution pattern of said vehicular headlamp based on a shape of said edge of said light blocking member, and

said light transmitting member deflects forward a part of said light generated by said semiconductor light emitting device to make said part of said light pass in the vicinity of said edge of said light blocking member.

5. A vehicular headlamp as claimed in claim 1, wherein said reflector reflects said light generated by said semiconductor

light emitting device toward a substantially horizontal direction, and

said light transmitting member deflects a part of light generated in a forward direction by said semiconductor light emitting device, toward said substantially horizontal direction.

6. A light emission module for generating light used in a vehicular headlamp, comprising:

a semiconductor light emitting device; and

a light transmitting member, formed from material transmitting light generated by said semiconductor light emitting device, operable to deflect a part of said light generated by said semiconductor light emitting device toward a direction corresponding to a forward direction of an automobile and to transmit another part of said light straight.